

93	1	US-08-591-498-14
28	7	GenCore version 4.5
29	7	Copyright (c) 1993 - 2000 Compugen Ltd.
30	7	4 Protein - protein search, using sw model
31	7	run on: September 30, 2002, 16:06:12 ; Search time 13.06 Seconds
32	7	(without alignments)
		591.002 Million cell updates/sec
33	7	title: US-09-671-658A-2
34	7	perfect score: 316
35	7	Sequence: 1 MRRASRDYGKYLRSSEEMGS.....LLDPDQDATYFGAFFKVQDID 316
36	7	scoring table: OLIGO
37	7	Gapext 60.0 , Gapext 60.0
38	7	searched: 231628 seqs , 24425594 residues
39	7	minimum DB seq length: 0
40	7	maximum DB seq length: 2000000000
41	7	post-processing: Listing first 75 summaries
42	7	Issued_Patents_AA: 1: /cggn2_6/ptodata/2/iaa/5A_COMBO.pep * 2: /cggn2_6/ptodata/2/iaa/5B_COMBO.pep * 3: /cggn2_6/ptodata/2/iaa/6A_COMBO.pep * 4: /cggn2_6/ptodata/2/iaa/6B_COMBO.pep * 5: /cggn2_6/ptodata/2/iaa/PCTUS_COMBO.pep :* 6: /cggn2_6/ptodata/2/iaa/backfile1.pep :*
43	7	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
44	7	SUMMARIES
45	7	1 316 100.0
46	7	2 316 100.0
47	7	3 316 100.0
48	7	4 217 68.7
49	7	5 217 68.7
50	7	6 217 68.7
51	7	7 217 68.5
52	7	8 22 7.0
53	7	9 22 7.0
54	7	10 22 7.0
55	7	11 22 7.0
56	7	12 22 7.0
57	7	13 17 5.4
58	7	14 8 2.5
59	7	15 8 2.5
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CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/842, 842
 FILING DATE: 10-DEC-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Winter, Robert B.
 REFERENCE/DOCKET NUMBER: A-451
 INFORMATION FOR SEQ ID NO: 7;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 316 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-842-842-7

Query Match Score 316; DB 2; Length 316;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 316; Conservative 0; Mismatches 0;
 Gaps 0;
 Indels 0;
 Gaps 0;

1 MRASRDYCKYLRSSEMGSGGSPGVPHGPLHAPSAPAPPAASRSMFLALLGLGQ 60
 Db 1 MRASRDYCKYLRSSEMGSGGSPGVPHGPLHAPSAPAPPAASRSMFLALLGLGQ 60
 Qy 61 VCSIALFLYFRAQMDPNRISDSDTCFYRLRHENAGLQSTLESEDTLPSCRMKQ 120
 Db 61 VCSIALFLYFRAQMDPNRISDSDTCFYRLRHENAGLQSTLESEDTLPSCRMKQ 120
 Qy 121 AFQAVOKELQHIVGPORSGAPAMMEGSWLDVAORGKPEAQFAHLTINAASIPSGSHK 180
 Db 121 AFQAVOKELQHIVGPORSGAPAMMEGSWLDVAORGKPEAQFAHLTINAASIPSGSHK 180
 Qy 181 VTLSWYHDRGWAKISNMTLSNGKLRYNODGGYLYANICFRHHETSGSVPDYLQLMVF 240
 Db 181 VTLSWYHDRGWAKISNMTLSNGKLRYNODGGYLYANICFRHHETSGSVPDYLQLMVF 240
 Qy 241 VVKTSKIPSSHNLMKGSTKAWSGNSEFHFSINVGGFFKLRAGEEISIQVSNPSSLDP 300
 Db 241 VVKTSKIPSSHNLMKGSTKAWSGNSEFHFSINVGGFFKLRAGEEISIQVSNPSSLDP 300
 Qy 301 DODATYFGAFKVQDID 316
 Db 301 DODATYFGAFKVQDID 316

RESULT 2
 US-08-889-352-2
 Sequence 2, Application US/0889352

GENERAL INFORMATION:
 APPLICANT: Gorman, Daniel M.

APPLICANT: Matteson, Jeanine D.
 TITLE OF INVENTION: Mammalian Cell Surface Antigens; Related

TITLE OF INVENTION: Reagents
 NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESS: DNA Research Institute
 STREET: 901 California Avenue
 CITY: Palo Alto
 STATE: California
 COUNTRY: USA
 ZIP: 94304-1104

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/989, 362
 FILING DATE: 12-DEC-1997
 CLASSIFICATION: 56
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/032, 846

APPLICATION NUMBER: US/08/989, 362
 FILING DATE: 12-DEC-1997
 CLASSIFICATION: 56
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/032, 846

Query Match Score 316; DB 4; Length 316;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 316; Conservative 0; Mismatches 0;
 Gaps 0;
 Indels 0;
 Gaps 0;

1 MRASRDYCKYLRSSEMGSGGSPGVPHGPLHAPSAPAPPAASRSMFLALLGLGQ 60
 Db 1 MRASRDYCKYLRSSEMGSGGSPGVPHGPLHAPSAPAPPAASRSMFLALLGLGQ 60
 Qy 61 VVCSIALFLYFRAQMDPNRISDSDTCFYRLRHENAGLQSTLESEDTLPSCRMKQ 120
 Db 61 VVCSIALFLYFRAQMDPNRISDSDTCFYRLRHENAGLQSTLESEDTLPSCRMKQ 120
 Qy 121 AFQAVOKELQHIVGPORSGAPAMMEGSWLDVAORGKPEAQFAHLTINAASIPSGSHK 180
 Db 121 AFQAVOKELQHIVGPORSGAPAMMEGSWLDVAORGKPEAQFAHLTINAASIPSGSHK 180
 Qy 181 VTLSWYHDRGWAKISNMTLSNGKLRYNODGGYLYANICFRHHETSGSVPDYLQLMVF 240
 Db 181 VTLSWYHDRGWAKISNMTLSNGKLRYNODGGYLYANICFRHHETSGSVPDYLQLMVF 240
 Qy 241 VVKTSKIPSSHNLMKGSTKAWSGNSEFHFSINVGGFFKLRAGEEISIQVSNPSSLDP 300
 Db 241 VVKTSKIPSSHNLMKGSTKAWSGNSEFHFSINVGGFFKLRAGEEISIQVSNPSSLDP 300
 Qy 301 DODATYFGAFKVQDID 316
 Db 301 DODATYFGAFKVQDID 316

RESULT 3
 US-09-052-521C-2
 Sequence 2, Application US/09052521C
 ; Patent No. 6316408
 ; GENERAL INFORMATION:
 ; APPLICANT: Boyle, William J.
 ; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
 ; FILE REFERENCE: A-451Bv
 ; CURRENT APPLICATION NUMBER: US/09/052, 521C
 ; PRIORITY APPLICATION NUMBER: 08/880, 855
 ; PRIOR FILING DATE: 1998-03-30
 ; PRIOR APPLICATION NUMBER: 08/880, 855
 ; PRIOR FILING DATE: 1997-06-23
 ; PRIOR APPLICATION NUMBER: 08/842, 842
 ; PRIOR FILING DATE: 1997-04-16
 ; NUMBER OF SEQ ID NOS: 40
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 2
 ; LENGTH: 316
 ; TYPE: PRT
 ; ORGANISM: Mouse
 ; US-09-052-521C-2

Query Match Score 316; DB 4; Length 316;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 316; Conservative 0; Mismatches 0;
 Gaps 0;

TOPOLOGY: linear
 MOLECULE TYPE: protein
 us-08-995-559-11

Query Match 68.7%; Score 217; DB 4; Length 294;
 Best Local Similarity 100.0%; Pred. No. 6.7e-210;
 Matches 217; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 100 LDQSTLESEDTPDSCRMKQAFQAVQKELQHIVPQRFSGAPAMMGSWLDYAQRGKP 159
 Db 78 LDQSTLESEDTPDSCRMKQAFQAVQKELQHIVPQRFSGAPAMMGSWLDYAQRGKP 137

Qy 160 EAQPFKAHTINAASPIGSKSHWKLSSWYHDRVAKAISNMTLNSNGKLRVNQDFYYLYANI 219
 Db 138 EAQPFKAHTINAASPIGSKSHWKLSSWYHDRVAKAISNMTLNSNGKLRVNQDFYYLYANI 197

Db 138 EAQPFKAHTINAASPIGSKSHWKLSSWYHDRVAKAISNMTLNSNGKLRVNQDFYYLYANI 197

Qy 220 CFRHHETSGSYPTDYLQLMVVVKTSKTSKIPSSHNLKGGSTPKWNWSGNEFHYSINVGGF 279
 Qy 198 CFRHHETSGSYPTDYLQLMVVVKTSKTSKIPSSHNLKGGSTPKWNWSGNEFHYSINVGGF 257

Qy 280 FKLRAGEEISIQVSNPSSLDPDQDATYFGAFKVQDID 316
 Db 258 FKLRAGEEISIQVSNPSSLDPDQDATYFGAFKVQDID 294

RESULT 7
 US-09-052-521C-34
 ; Sequence 34, Application US/09052521C
 ; Patent No. 6316408
 ; GENERAL INFORMATION:
 ; APPLICANT: Boyle, William J.
 ; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
 ; FILE REFERENCE: A-451Brv
 ; CURRENT APPLICATION NUMBER: US/09/052,521C
 ; CURRENT FILING DATE: 1998-03-30
 ; PRIOR APPLICATION NUMBER: 08/880,855
 ; PRIOR FILING DATE: 1997-06-23
 ; PRIOR APPLICATION NUMBER: 08/842,842
 ; PRIOR FILING DATE: 1997-04-16
 ; NUMBER OF SEQ ID NOS: 40
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO: 34
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Oligonucleotide
 US-09-052-521C-34

Query Match 8.5%; Score 27; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 4.1e-20;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 NAASIPSGSHKVTLSWHDRGWAKIS 196
 Db 1 NAASIPSGSHKVTLSWHDRGWAKIS 27

RESULT 8
 US-09-052-521C-33
 ; Sequence 33, Application US/09052521C
 ; Patent No. 6316408
 ; GENERAL INFORMATION:
 ; APPLICANT: Boyle, William J.
 ; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
 ; FILE REFERENCE: A-451Brv
 ; CURRENT APPLICATION NUMBER: US/09/052,521C
 ; CURRENT FILING DATE: 1998-03-30
 ; PRIOR APPLICATION NUMBER: 08/880,855
 ; PRIOR FILING DATE: 1997-06-23
 ; PRIOR APPLICATION NUMBER: 08/842,842
 ; PRIOR FILING DATE: 1997-04-16
 ; NUMBER OF SEQ ID NOS: 40
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO: 33
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Oligonucleotide
 US-09-052-521C-33

Query Match 8.5%; Score 27; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 4.1e-20;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

NAME: Perkins, Patricia Anne
 REGISTRATION NUMBER: 34,693
 REFERENCE/DOCKET NUMBER: 2851-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206)587-0430
 TELEFAX: (206)233-0644
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 294 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 11:

NUMBER OF SEQ ID NOS: 40
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO: 33
 LENGTH: 27
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 OTHER INFORMATION: Peptide
 US-09-052-521C-33

Best Local Similarity 100.0%; Pred. No. 4.3e-14;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 7.0%; Score 22; DB 4; Length 27;
 Best Local Similarity 100.0%; Pred. No. 4.1e-15;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 NAASIPSGSHKVTLSWYHDRG 191
 Db 1 NAASIPSGSHKVTLSWYHDRG 22

RESULT 10
 US-08-995-659-13
 Sequence 13, Application US/08995659
 Patent No. 6242213
 GENERAL INFORMATION:
 APPLICANT: Anderson, Dirk M.
 APPLICANT: Galibert, Laurent
 APPLICANT: Maraskovsky, Eugene
 TITLE OF INVENTION: Ligand for Receptor Activator of NF-kappaB
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Immunex Corporation, Law Department
 STREET: 51 University Street
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Power Macintosh
 OPERATING SYSTEM: Apple Operating System 7.5.5
 SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/995,659
 FILING DATE: 22 DECEMBER 1997
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: USSN 60/064,671
 FILING DATE: 07 MARCH 1997
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: USSN 08/813,509
 FILING DATE: 14 OCTOBER 1997
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Perkins, Patricia Anne
 REGISTRATION NUMBER: 34,693
 REFERENCE/DOCKET NUMBER: 2852-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206)587-0430
 TELEFAX: (206)233-0644
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 317 amino acids
 TOPOLogy: linear
 MOLECULE TYPE: protein
 US-08-995-659-13

Query Match 7.0%; Score 22; DB 4; Length 317;
 Best Local Similarity 100.0%; Pred. No. 4.3e-14;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 207 VNQDGFFYLYANICFRHHETSG 228
 Db 208 VNQDGFFYLYANICFRHHETSG 229

RESULT 11
 US-09-215-649A-13

Query Match 7.0%; Score 22; DB 3; Length 317;

US-08-996-139-13

Sequence 13, Application US/09215649A
 Patent No. 6271349
 GENERAL INFORMATION:
 APPLICANT: Anderson, Dirk M.
 Galibert, Laurent
 Maraskovsky, Eugene
 TITLE OF INVENTION: Receptor Activator of NF-kappaB
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 STREET: 51 University Street
 ADDRESSSE: Immunex Corporation, Law Department
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98101
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Power Macintosh
 OPERATING SYSTEM: Apple Operating System 7.5.5
 SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/215,649A
 FILING DATE: 17-DEC-1998
 CLASSIFICATION: <Unknown>
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/996,139
 FILING DATE: <Unknown>
 APPLICATION NUMBER: USNN 08/813,509
 FILING DATE: 07-MARCH-1997
 APPLICATION NUMBER: USNN 08/772,330
 FILING DATE: 23-DECEMBER-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Perkins, Patricia Anne
 REGISTRATION NUMBER: 34,693
 REFERENCE/DOCKET NUMBER: 2851-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206)397-0430
 TELEFAX: (206)233-0644
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 317 amino acids
 TYPE: amino acid
 MOLECULE TYPE: protein
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 13:
 us-09-215-649A-13

Query Match 7.0%; Score 22; DB 4; Length 317;
 Best Local Similarity 100.0%; Pred. No. 4.3e-14;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 207 VNQDGFFYLYANICFRHETSG 228
 Db 208 VNQDGFFYLYANICFRHETSG 229

RESULT 13
 US-09-052-521C-35
 Sequence 35, Application US/09052521C
 ; Patent No. 6316408
 ; GENERAL INFORMATION:
 ; APPLICANT: Boyle, William J.
 ; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
 ; FILE REFERENCE: A-451BrV
 ; CURRENT APPLICATION NUMBER: US/09/052,521C
 ; PRIOR APPLICATION NUMBER: 08/880,855
 ; CURRENT FILING DATE: 1998-03-30
 ; PRIOR FILING DATE: 1997-06-23
 ; PRIORITY NUMBER: 08/880,855
 ; NUMBER OF SEQ ID NOS: 40
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO: 35
 ; LENGTH: 17
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Peptide
 ; US-09-052-521C-35

Query Match 5.4%; Score 17; DB 4; Length 17;
 Best Local Similarity 100.0%; Pred. No. 2.8e-10;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 239 VYYVKTTSKIPSSHNLM 255
 Db 1 VYYVKTTSKIPSSHNLM 17

RESULT 14
 US-08-870-518-2
 Sequence 2, Application US/08870518
 ; Patent No. 5925566
 ; GENERAL INFORMATION:
 ; APPLICANT: Davis, Roger J.
 ; TITLE OF INVENTION: NON-ACTIVATED RECEPTOR COMPLEX
 ; NUMBER OF SEQUENCES: 35
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Fish & Richardson P.C.
 ; STREET: 225 Franklin Street
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: US
 ; ZIP: 02110-2804
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: Windows95
 ; SOFTWARE: FastSEQ for Windows Version 2.0

RESULT 12
 US-09-052-521C-4
 Sequence 4, Application US/09052521C
 ; Patent No. 6316408
 ; GENERAL INFORMATION:
 ; APPLICANT: Boyle, William J.
 ; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
 ; FILE REFERENCE: A-451BrV
 ; CURRENT APPLICATION NUMBER: US/09/052,521C
 ; PRIOR APPLICATION NUMBER: 08/880,855
 ; CURRENT FILING DATE: 1998-03-30
 ; PRIOR FILING DATE: 1997-04-16
 ; PRIORITY NUMBER: 08/842,842
 ; NUMBER OF SEQ ID NOS: 40
 ; SOFTWARE: PatentIn Ver. 2.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/870,518
 FILING DATE: 06-JUN-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/019,219
 FILING DATE: 06-JUN-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Fasse, Peter J.
 REGISTRATION NUMBER: 32,983
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617/542-5070
 TELEX: 617/542-5906
 TELEX: 200154

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
 LENGTH: 459 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-870-518-2

RESULT 15
 Query Match 2.5%; Score 8; DB 2; Length 459;
 Best Local Similarity 100.0%; Pred. No. 7;
 Matches 8; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 37 PAPAPPA 44
 Db 20 PAPAPPA 27

US-08-804-227C-2

Sequence 2, Application US/0804227C
 Patent No. 5816991

GENERAL INFORMATION:
 APPLICANT: DeHoff, Bradley S.
 APPLICANT: Kunstoss, Stuart A.
 APPLICANT: Roseck, Paul R., Jr.
 APPLICANT: Sutton, Kimberly L.

TITLE OF INVENTION: POLYKETIDE SYNTHASE GENES
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: THOMAS G. PLANT, 1501
 STREET: LILLY CORPORATE CENTER
 CITY: INDIANAPOLIS
 STATE: IN
 COUNTRY: USA
 ZIP: 46285

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: ASCII(DOS) Text only

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/804,227C
 FILING DATE: February 21, 1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Plant, Thomas, G.
 REGISTRATION NUMBER: 35,784
 REFERENCE/DOCKET NUMBER: X-8231
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-2459
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4472 amino acids
 TYPE: amino acid
 MOLECULE TYPE: protein

US-08-804-227C-2

Query Match 2.5%; Score 8; DB 2; Length 4472;
 Best Local Similarity 100.0%; Pred. No. 62;
 Matches 8; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 34 PSAPAPAP 41
 Db 4442 PSAPAP 4449

RESULT 16
 US-08-997-080-4
 Sequence 4, Application US/08997080
 Patent No. 5968524

GENERAL INFORMATION:
 APPLICANT: WATSON, JAMES D.
 APPLICANT: TAN, PAUL L. J.
 TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
 NUMBER OF SEQUENCES: 194
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Ann W. Speckman
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA
 ZIP: 98121

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/997,080

FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sleath, Janet
 REGISTRATION NUMBER: 37,007
 REFERENCE/DOCKET NUMBER: 11000-1007
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0565
 TELEFAX: 206-269-0563
 TELEX:
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-997-080-4

Query Match 2.28%; Score 7; DB 2; Length 21;
 Best Local Similarity 100.0%; Pred. No. 3.7;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 37 PAPAPP 43
 Db 2 PAPAPP 8

RESULT 17
 US-08-997-362-4
 Sequence 4, Application US/08997362
 Patent No. 5985287

GENERAL INFORMATION:
 APPLICANT: Tan, Paul
 APPLICANT: Hiyama, Jun
 APPLICANT: Visser, Elizabeth

APPLICANT: Skinner, Margot
 APPLICANT: Scott, Linda
 APPLICANT: Presridge, Ross
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
 NUMBER OF SEQUENCES: 194
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Ann W. Speckman
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98121
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/873, 970
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/705, 347
 FILING DATE: 29-AUG-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Sleath, Janet
 REGISTRATION NUMBER: 37, 007
 REFERENCE/DOCKET NUMBER: 11000.1002C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0565
 TELEXFAX: 206-269-0563
 TELEX:

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
 LENGTH: 21 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-873-970-4

Query Match 2.2%; Score 7; DB 3; Length 21;
 Best Local Similarity 100.0%; Pred. No. 3.7; Mismatches 0; Indels 0; Gaps 0;

Qy 37 PAPAPP 43
 Db 2 PAPAPP 8

RESULT 19
 US-09-855-4
 ; Sequence 4, Application US/09095855
 ; GENERAL INFORMATION:
 ; Patent No. 6160093
 ; APPLICANT: Tan, Paul
 ; APPLICANT: Visser, Elizabeth
 ; APPLICANT: Skinner, Margot
 ; APPLICANT: Prestidge, Ross
 ; TITLE OF INVENTION: Compounds and Methods for Treatment and Diagnosis of Mycobacterial Infections
 ; NUMBER OF SEQUENCES: 203
 ; CORRESPONDENCE ADDRESS:
 ; STREET: 2601 Elliott Avenue, Suite 4185
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98121
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/895, 855
 FILING DATE:
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/705, 347
 FILING DATE: 29-AUG-1996
 APPLICATION NUMBER: 08/873, 970

APPLICANT: Skinner, Margot
 APPLICANT: Scott, Linda
 APPLICANT: Presridge, Ross
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
 NUMBER OF SEQUENCES: 106
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Ann W. Speckman
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA

FILING DATE: 12-JUN-1997
 APPLICATION NUMBER: 08/997,362
 FILING DATE: 23-DEC-1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Sleath, Janet
 REGISTRATION NUMBER: 37,007
 REFERENCE/DOCKET NUMBER: 11000.10002C3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0565
 TELEX: 206-269-0563
 TELEX:
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-095-855-4

RESULT 20
 US-08-705-347A-4
 ; Sequence 4, Application US/08705347A
 ; GENERAL INFORMATION:
 ; APPLICANT: Tan, Paul
 ; APPLICANT: Hiyama, Jun
 ; APPLICANT: Visser, Elizabeth
 ; APPLICANT: Skinner, Margot
 ; APPLICANT: Scott, Linda
 TITLE OF INVENTION: COMPOUNDS AND METHODS FOR TREATMENT AND
 NUMBER OF SEQUENCES: 55
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Specchian Picard PLLC
 STREET: 2601 Elliott Avenue, Suite 4105
 CITY: Seattle
 STATE: WA
 ZIP: 98121
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/705,347A
 FILING DATE: 28-AUG-1996
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: Sleath, Janet
 REGISTRATION NUMBER: 37,007
 REFERENCE/DOCKET NUMBER: 11000.10002

Query Match Score 7; DB 4;
 Best Local Similarity 100.0%; Pred. No. 3.7;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 37 PAPAPPP 43
 |||||||
 Db 2 PAPAPPP 8

RESULT 21
 US-09-324-542-4
 ; Sequence 4, Application US/09324542
 ; GENERAL INFORMATION:
 ; APPLICANT: Watson, James D.
 ; APPLICANT: Presridge, Ross
 ; APPLICANT: Presridge, Ross
 ; TITLE OF INVENTION: Methods and Compounds for the Treatment
 ; of Immunologically-Mediated Skin Disorders
 ; FILE REFERENCE: 11000.1007C1
 ; CURRENT APPLICATION NUMBER: US/09/324,542
 ; CURRENT FILING DATE: 1999-06-02
 ; EARLIER APPLICATION NUMBER: US 08/997,080
 ; EARLIER FILING DATE: 1997-12-23
 ; NUMBER OF SEQ ID NOS: 194
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO 4
 ; LENGTH: 21
 ; TYPE: PRT
 ; ORGANISM: Mycobacterium vaccae

Query Match Score 7; DB 4;
 Best Local Similarity 100.0%; Pred. No. 3.7;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 37 PAPAPPP 43
 |||||||
 Db 2 PAPAPPP 8

RESULT 22
 US-08-640-847C-3
 ; Sequence 3, Application US/08640847C
 ; GENERAL INFORMATION:
 ; APPLICANT: BECH, Lene M.
 ; APPLICANT: SORENSEN, Steen B.
 ; APPLICANT: VAAG, Pia
 ; APPLICANT: MULDBERG, Marianne
 ; APPLICANT: BEENFELDT, Thorkild
 ; APPLICANT: LEAH, Robert
 ; APPLICANT: BREDDAM, Klaus
 ; TITLE OF INVENTION: BEVERAGE AND A METHOD OF PREPARING IT
 ; NUMBER OF SEQUENCES: 41
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: LADAS & PARRY
 ; STREET: 26 WEST 61 STREET
 ; CITY: NEW YORK
 ; STATE: NY
 ; ZIP: 10023
 ; COUNTRY: USA
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3-1/4" Disk 1.44 MB
 ; COMPUTER: IBM PC Compatible
 ; OPERATING SYSTEM: Microsoft Windows for Workgroups 3.11
 ; SOFTWARE: WordPerfect 8 for Windows
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/640,847C
 ; APPLICATION NUMBER: US/09-671-658a-2.oligo.rai

FILING DATE: 26-JUN-1996
 CLASSIFICATION: 426
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/DK94/00420
 FILING DATE: 08-NOV-1994
 APPLICATION NUMBER: DK001266/93
 FILING DATE: 08-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: MASS, Clifford J.
 REFERENCE/DOCKET NUMBER: 30-086
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 708-1890
 TELEX: (212) 246-8959
 TELEX: 233288
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 41 Amino Acids
 TYPE: Amino Acids
 TOPOLOGY: Linear
 US-08-640-847C-3

Query Match 23 Score 7; DB 2; Length 41;
 Best Local Similarity 100.0%; Pred. No. 7.1;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 NAASIPS 176
 Db 15 NAASIPS 21

RESULT 24
 US-08-640-847C-12
 Query Match 24 Score 7; DB 2; Length 41;
 Best Local Similarity 100.0%; Pred. No. 7.1;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 NAASIPS 176
 Db 15 NAASIPS 21

RESULT 24
 US-08-640-847C-12
 Sequence 12, Application US/08640847C
 Patent No. 5993865
 GENERAL INFORMATION:
 APPLICANT: BECH, Lene M.
 APPLICANT: SORENSEN, Steen B.
 APPLICANT: VAAG, Pia
 APPLICANT: MULDJERG, Marianne
 APPLICANT: BEENFELDT, Thorkild
 APPLICANT: LEAH, Robert
 APPLICANT: BREDDAM, Klaus
 TITLE OF INVENTION: BEVERAGE AND A METHOD OF PREPARING IT
 NUMBER OF SEQUENCES: 41
 CORRESPONDENCE ADDRESS:
 STREET: 26 WEST 61 STREET
 CITY: NEW YORK
 STATE: NY
 ZIP: 10023
 COUNTRY: USA
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3-1/4" Disk 1.44 MB
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: Microsoft Windows for Workgroups 3.11
 SOFTWARE: WordPerfect 8 for Windows
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/640, 847C
 FILING DATE: 26-JUN-1996
 CLASSIFICATION: 426
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/DK94/00420
 FILING DATE: 08-NOV-1994
 APPLICATION NUMBER: DK001266/93
 FILING DATE: 08-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: MASS, Clifford J.
 REFERENCE/DOCKET NUMBER: 30-086
 TELEPHONE: (212) 708-1890
 TELEX: (212) 246-8959
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 41 Amino Acids
 TYPE: Amino Acids
 TOPOLOGY: Linear
 US-08-640-847C-12

Query Match 22 Score 7; DB 2; Length 41;
 Best Local Similarity 100.0%; Pred. No. 7.1;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 NAASIPS 176
 Db 15 NAASIPS 21

RESULT 23
 Sequence 9, Application US/08640847C
 Patent No. 5993865
 GENERAL INFORMATION:
 APPLICANT: BECH, Lene M.
 APPLICANT: SORENSEN, Steen B.
 APPLICANT: VAAG, Pia
 APPLICANT: MULDJERG, Marianne
 APPLICANT: BEENFELDT, Thorkild
 APPLICANT: LEAH, Robert
 APPLICANT: BREDDAM, Klaus
 TITLE OF INVENTION: BEVERAGE AND A METHOD OF PREPARING IT
 NUMBER OF SEQUENCES: 41
 CORRESPONDENCE ADDRESS:
 STREET: 26 WEST 61 STREET
 CITY: NEW YORK
 STATE: NY
 ZIP: 10023
 COUNTRY: USA
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3-1/4" Disk 1.44 MB
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: Microsoft Windows for Workgroups 3.11
 SOFTWARE: WordPerfect 8 for Windows
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/640, 847C
 FILING DATE: 26-JUN-1996
 CLASSIFICATION: 426
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/DK94/00420
 FILING DATE: 08-NOV-1994
 APPLICATION NUMBER: DK001266/93
 FILING DATE: 08-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: MASS, Clifford J.
 REFERENCE/DOCKET NUMBER: 30-086
 TELEPHONE: (212) 708-1890
 TELEX: (212) 246-8959
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 41 Amino Acids
 TYPE: Amino Acids
 TOPOLOGY: Linear
 US-08-640-847C-12

Query Match 22 Score 7; DB 2; Length 41;
 Best Local Similarity 100.0%; Pred. No. 7.1;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 NAASIPS 176
 Db 15 NAASIPS 21

Qy 170 NAASIPS 176
 Db 15 NAASIPS 21

RESULT 25
 US-08-284-391B-35
 ; Sequence 35, Application US/08284391B
 ; GENERAL INFORMATION:
 ; APPLICANT: Seed, Brian
 ; APPLICANT: Banapour, Babak
 ; APPLICANT: Romeo, Charles
 ; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
 ; CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
 ; NUMBER OF SEQUENCES: 53
 ; CORESPONDENCE ADDRESS:
 ; ADDRESSEE: Clark & Elbing LLP
 ; STREET: 176 Federal Street
 ; CITY: Boston
 ; STATE: MA
 ; COUNTRY: USA
 ; ZIP: 02110
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/218,950
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/284,391
 ; FILING DATE: 02-AUG-1994
 ; APPLICATION NUMBER: 08/195,395
 ; FILING DATE: 14-FEB-1994
 ; APPLICATION NUMBER: 08/195,395
 ; FILING DATE: 14-FEB-1994
 ; APPLICATION NUMBER: 07/847,566
 ; FILING DATE: 06-MAR-1992
 ; APPLICATION NUMBER: 07/665,961
 ; FILING DATE: 07-MAR-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Elbing, Karen L
 ; REGISTRATION NUMBER: 35,238
 ; REFERENCE/DOCKET NUMBER: 00786/247001
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 617-428-0200
 ; TELEFAX: 617-428-7045
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 35:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 58 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ;
 ; FORMATION FOR SEQ ID NO: 35:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 58 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ;
 ; US-08-284-391B-35

Query Match Score 7; DB 4; Length 58;
 Best Local Similarity 100.0%; Pred. No. 9.9;
 Matches 7; Conservative 0; Mismatches 0; Gaps 0;

RESULT 26
 US-08-218-950-35
 ; Sequence 35, Application US/09216950
 ; Patent No. 6,842,420
 ; GENERAL INFORMATION:

Qy 53 LLGLGLG 59
 Db 43 LLGLGLG 49

Query Match Score 7; DB 4; Length 58;
 Best Local Similarity 100.0%; Pred. No. 9.9;
 Matches 7; Conservative 0; Mismatches 0; Gaps 0;

RESULT 27
 US-08-0591-498-10
 ; Sequence 10, Application US/08591498
 ; Patent No. 5,773,594

GENERAL INFORMATION:
 ; APPLICANT: BROEKERT, WILLEM F.
 ; APPLICANT: CAMMIE, BRUNO P.A.
 ; APPLICANT: REES, SARAH B.
 ; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
 ; NUMBER OF SEQUENCES: 25
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: CUSHMAN DARBY & CUSHMAN
 ; ADDRESSEE: Intellectual Property Group of
 ; ADDRESSEE: PILLSBURY MADISON & SUTRO LLP

STREET: 1100 New York Avenue, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005-3918
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/591,498
 FILING DATE: 25-JAN-1996
 CLASSIFICATION: 800
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PCT/GB94/01636
 FILING DATE: 29-JUL-1994
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: GB 9317816.8
 FILING DATE: 27-AUG-1993
 INFORMATION FOR SEQ ID NO: 10:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: GB 9316158.6
 FILING DATE: 04-AUG-1993
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/591,498
 FILING DATE: 25-JAN-1996
 LENGTH: 93 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ORGANISM: PAP1
 US-08-591-498-10

Query Match 2.2% Score 7; DB 1; Length 93;
 Best Local Similarity 100.0%; Pred. No. 15;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 170 NAASIPS 176
 |||||||
 Db 67 NAASIPS 73
 |||||||

RESULT 28
 Sequence 14, Application US/00591498
 Patent No. 5773694

NEURAL INFORMATION:
 APPLICANT: BROEKAERT, WILLEM F.
 APPLICANT: CAMME, BRUNO P.A.
 APPLICANT: REES, SARAH B.
 TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CUSHMAN DARBY & CUSHMAN
 ADDRESS: Intellectual Property Group of
 STREET: 1100 New York Avenue, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: U.S.A.
 ZIP: 20005-3918

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/591,498
 FILING DATE: 25-JAN-1996
 CLASSIFICATION: 800
 PRIORITY APPLICATION DATA:

APPLICATION NUMBER: PCT/GB94/01636

FILING DATE: 29-JUL-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9317816.8
 FILING DATE: 27-AUG-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9316158.6
 FILING DATE: 04-AUG-1993
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 93 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ORIGINAL SOURCE:
 ORGANISM: Zm-nslTP
 US-08-591-498-14

Query Match 2.2% Score 7; DB 1; Length 93;
 Best Local Similarity 100.0%; Pred. No. 15;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 29
 Sequence 4, Application US/08702609A
 Patent No. 6031152

GENERAL INFORMATION:
 APPLICANT: Olsen, Odd-Arne
 APPLICANT: Kalla, Roger
 APPLICANT: Linnestad, Casper
 TITLE OF INVENTION: Promoter from a Lipid Transfer Protein Gene
 NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Plant Molecular Biology Laboratory,
 ADDRESS: Department of Biotechnical Sciences, Agricultural
 ADDRESSEE: University of No. 6031152way and Agricultural Biotechnology
 ADDRESSEE: Program NRC
 COUNTRY: No. 6031152way
 ZIP: N-1432

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" 1.44 Mb diskette

COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 98

SOFTWARE: Word Processing

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/702,609A
 FILING DATE: 20-NOV-1996
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT\N095\00042
 FILING DATE: 23-OCT-95

ATTORNEY/AGENT INFORMATION:
 NAME: Thaddeus J. Carvis
 REGISTRATION NUMBER: 26110
 REFERENCE/DOCKET NUMBER: 833-P0016A

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 203-324-6155
 TELEFAX: 203-327-1096

INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 117 residues
 TYPE: amino acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE:

ORIGINAL SOURCE:
 ORGANISM: Barley
 PUBLICATION INFORMATION:
 AUTHORS: Linnestad, Casper
 AUTHORS: Lonneborg, Anders
 AUTHORS: Kalla, Roger
 AUTHORS: Olsen, Odd-Arne
 TITLE: Promoter of a Lipid Transfer Protein Gene
 TITLE: Expressed in Barley Aleurone Cells Contains
 Similar myb and myc Recognition Sites as the Maize
 Bz-MCC Allele
 JOURNAL: Plant Physiol.
 VOLUME: 97
 PAGES: 842
 DATE: 17.06.91
 US-08-702-609A-4

Query Match 2.2%; Score 7; DB 3; Length 117;
 Best Local Similarity 100.0%; Pred. No. 19;
 Matches 7; Conservative 0; Mismatches 0;
 QY 170 NAASIPS 176
 Db 91 NAASIPS 97

RESULT 30
 US-08-702-609A-6
 Sequence 6, Application US/08702609A
 Patent No. 6031152

GENERAL INFORMATION:
 APPLICANT: Olsen, Odd-Arne
 APPLICANT: Kalla, Roger
 APPLICANT: Linnestad, Casper
 ADDRESSER: program NRC
 COUNTRY: No. 6031152way
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Plant Molecular Biology Laboratory,
 Department of Biotechnical Sciences, Agricultural
 University of No. 6031152way and Agricultural Biotechnology
 ADDRESSER: program NRC
 ZIP: N-1432

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3 5" 1.44 Mb diskette
 COREPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 98
 SOFTWARE: Word Processing

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/702,609A
 FILING DATE: 20-NOV-1996
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT\N095\00042
 FILING DATE: 23-JUL-95
 ATTORNEY/AGENT INFORMATION:
 NAME: Thaddius J. Carris
 REGISTRATION NUMBER: 26110

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 203-327-6155
 TELEFAX: 203-327-1096
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 117 residues
 TYPE: amino acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE:
 ORIGINAL SOURCE:

ORGANISM: Barley
 PUBLICATION INFORMATION:
 AUTHORS: Skriver, Karen
 AUTHORS: Leah, Robert
 AUTHORS: Muller-Uri, Frieder
 AUTHORS: Olsén, Finn-Lok
 AUTHORS: Mundy, John
 TITLE: Structure and Expression of the Barley Lipid Transfer Protein Promoter
 JOURNAL: Plant Molecular Biology
 VOLUME: 18
 PAGES: 587
 DATE: 16.09.91
 US-08-702-609A-6

Query Match 2.2%; Score 7; DB 3; Length 117;
 Best Local Similarity 100.0%; Pred. No. 19;
 Matches 7; Conservative 0; Mismatches 0;
 QY 170 NAASIPS 176
 Db 91 NAASIPS 97

RESULT 31
 US-08-799-149C-3
 Sequence 3, Application US/08799149C
 Patent No. 6008195

GENERAL INFORMATION:
 APPLICANT: Michael E. Selsted
 TITLE OF INVENTION: Antimicrobial Peptides and Methods of Use
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson, P.C.
 STREET: 4225 Executive Square, Suite 1400
 CITY: La Jolla
 STATE: CA
 COUNTRY: USA
 ZIP: 92037

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: Windows95
 SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/799,149C
 FILING DATE: 14-FEBRUARY-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/011,834
 FILING DATE: 16-February-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Lisa A. Haile, Ph.D.
 REGISTRATION NUMBER: 38,347
 REFERENCE/DOCKET NUMBER: 07306/009001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 619/678-5070
 TELEFAX: 619/678-5099
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 190 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 39..598

Query Match 2.2%; Score 7; DB 3; Length 190;
 Best Local Similarity 100.0%; Pred. No. 31;

RESULT 32
US-09-199-637A-211
Sequence 211, Application US/09199637A
GENERAL INFORMATION:
APPLICANT: Ausubel, Frederick
APPLICANT: Goodman, Howard M.
APPLICANT: Rahme, Laurence G.
APPLICANT: Mahajan-Miklos, Shalina
APPLICANT: Tan, Man-Wah
APPLICANT: Cao, Hui
APPLICANT: Drenkard, Eliana
APPLICANT: Tsongalis, John
TITLE OF INVENTION: VIRULENCE-ASSOCIATED NUCLEIC ACID
FILE REFERENCE: 00786/361002
CURRENT APPLICATION NUMBER: US/09/199-637A
CURRENT FILING DATE: 1998-11-25
PRIOR APPLICATION NUMBER: 60/066,517
PRIOR FILING DATE: 1991-11-25
NUMBER OF SEQ ID NOS: 437
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 211
LENGTH: 207
TYPE: PRT
ORGANISM: *Pseudomonas aeruginosa*
us-09-199-637A-211

Query Match Best Local Similarity 2.28%; Score 7; DB 4; Length 207;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 33 APSAPAP 39
Db 89 APSAPAP 95

RESULT 33
US-09-171-61-11
Sequence 11, Application US/09171461
GENERAL INFORMATION:
APPLICANT: Baker, Adam
APPLICANT: Cottrell, Matthew
APPLICANT: Chiocca, Susanna
APPLICANT: Kurzbauer, Robert
APPLICANT: Schaffner, Gotthold
TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
FILE REFERENCE: 0652-1800000
CURRENT APPLICATION NUMBER: US/09/171, 461
CURRENT FILING DATE: 1999-01-12
EARLIER APPLICATION NUMBER: PCT/EP97/01944
EARLIER FILING DATE: 1997-04-18
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO: 11
LENGTH: 223
TYPE: PRT
ORGANISM: CELO Virus
FEATURE: OTHER INFORMATION: Position: 17559..18230 /gene: L3 /product: L3 pYV
OTHER INFORMATION: Position: 17559..18230 /gene: L3 /product: L3 pYV

Query Match Best Local Similarity 100.0%; Pred. No. 36;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 36 APAPAPP 42
Db 143 APAPAPP 149

RESULT 34
US-08-420-235B-47
Sequence 47, Application US/08420235B
Patent No. 5801042
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOI'S SARCOMA VIRUS
TITLE OF INVENTION: SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/420,235B
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERRAL/DOCKET NUMBER: 45185-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 301 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-420-235B-47

Query Match Best Local Similarity 100.0%; Pred. No. 47;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 55 GLGIGQV 61
Db 42 GLGIGQV 48

RESULT 35
US-08-343-101A-22
Sequence 22, Application US/08343101A
Patent No. 5830759
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: Unique Associated Kapo's Sarcoma Virus Sequences And Uses Thereof
TITLE OF INVENTION: Viruses And Uses Thereof
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 1185 Avenue of the Americas
CITY: New York

Query Match Score 7; DB 1; Length 301;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/343,101A
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: White Esq., John P.
 REGISTRATION NUMBER: 45185-A
 REFERENCE/DOCKET NUMBER: 45185-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-278-0400
 TELEFAX: 212-391-0526
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 301 amino acids
 TYPE: amino acid
 TOPLOGY: linear
 MOLECULE TYPE: protein
 US-09-183-688-22

Query Match 2.2%; Score 7; DB 2;
 Best Local Similarity 100.0%; Pred. No. 47;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 36
 US-09-183-688-22
 Sequence 22, Application US/09183688
 ; Patent No. 6093550
 GENERAL INFORMATION:
 APPLICANT: Chang, Yuan
 ATTORNEY: Moore, Patrick S.
 TITLE OF INVENTION: Unique Associated Kaposi's Sarcoma Sequences And Uses Thereof
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Cooper & Dunham
 STREET: 1185 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.24
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/183,688
 FILING DATE:
 CLASSIFICATION:
 APPLICATION NUMBER: 08/343,101
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: White Esq., John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 45185-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-391-0526
 TELEFAX: 212-278-0400

Query Match 2.2%; Score 7; DB 3;
 Best Local Similarity 100.0%; Pred. No. 47;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 37
 US-08-793-624-47
 Sequence 47, Application US/08793624C
 ; Patent No. 6150093
 GENERAL INFORMATION:
 APPLICANT: Chang, Yuan
 ATTORNEY: Moore, Patrick S.
 TITLE OF INVENTION: Unique Associated Kaposi's Sarcoma Virus Sequences And
 ; FILE REFERENCE: 45185-C-PCT-US/JPW
 CURRENT APPLICATION NUMBER: US/08/793,624C
 CURRENT FILING DATE: 1997-02-18
 NUMBER OF SEQ ID NOS: 58
 SEQ ID NO 47
 SOFTWARE: Patentin Ver. 2.1
 LENGTH: 301
 ; TYPE: PRT
 ; ORGANISM: Epstein Barr Virus
 US-08-793-624-47

Query Match 2.2%; Score 7; DB 4;
 Best Local Similarity 100.0%; Pred. No. 47;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 38
 US-08-861-464-12
 Sequence 12, Application US/08861464
 ; Patent No. 5874210
 GENERAL INFORMATION:
 APPLICANT: Guarante, Leonard P.
 ATTORNEY: Austrriaco Jr., Nicuor
 TITLE OF INVENTION: Genes Determining Cellular Senescence
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: MA
 COUNTRY: USA
 ZIP: 02173
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/183,688
 FILING DATE:
 CLASSIFICATION:
 APPLICATION NUMBER: 08/343,101
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: White Esq., John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 45185-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-391-0526
 TELEFAX: 212-278-0400

INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 301 amino acids
 TYPE: amino acid
 TOPLOGY: linear
 MOLECULE TYPE: protein
 US-09-183-688-22

Query Match 2.2%; Score 7; DB 3;
 Best Local Similarity 100.0%; Pred. No. 47;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 37
 US-08-793-624-47
 Sequence 47, Application US/08793624C
 ; Patent No. 6150093
 GENERAL INFORMATION:
 APPLICANT: Chang, Yuan
 ATTORNEY: Moore, Patrick S.
 TITLE OF INVENTION: Unique Associated Kaposi's Sarcoma Virus Sequences And
 ; FILE REFERENCE: 45185-C-PCT-US/JPW
 CURRENT APPLICATION NUMBER: US/08/793,624C
 CURRENT FILING DATE: 1997-02-18
 NUMBER OF SEQ ID NOS: 58
 SEQ ID NO 47
 SOFTWARE: Patentin Ver. 2.1
 LENGTH: 301
 ; TYPE: PRT
 ; ORGANISM: Epstein Barr Virus
 US-08-793-624-47

Query Match 2.2%; Score 7; DB 4;
 Best Local Similarity 100.0%; Pred. No. 47;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 38
 US-08-861-464-12
 Sequence 12, Application US/08861464
 ; Patent No. 5874210
 GENERAL INFORMATION:
 APPLICANT: Guarante, Leonard P.
 ATTORNEY: Austrriaco Jr., Nicuor
 TITLE OF INVENTION: Genes Determining Cellular Senescence
 NUMBER OF SEQUENCES: 16
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: MA
 COUNTRY: USA
 ZIP: 02173
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/183,688
 FILING DATE:
 CLASSIFICATION:
 APPLICATION NUMBER: 08/343,101
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: White Esq., John P.
 REGISTRATION NUMBER: 28,678
 REFERENCE/DOCKET NUMBER: 45185-A
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-391-0526
 TELEFAX: 212-278-0400

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/1133,803
 FILING DATE: 06-OCT-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 584708Sand, Greta E.
 REGISTRATION NUMBER: 35,302
 REFERENCE/DOCKET NUMBER: 27866/32792
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (312) 474-6300
 TELEX: (312) 474-0448
 TELEFAX: 25-3658
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 422 amino acids
 TYPE: amino acid
 TOPOLGY: linear
 MOLECULE TYPE: protein
 US-08-485-938A-34

Query Match Score 7; DB 2; Length 422;
 Best Local Similarity 100.0%; Pred. No. 66;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 45
 US-08-390-000A-7
 Sequence 7, Application US/08390000A
 ; Patent No. 5985583

GENERAL INFORMATION:
 APPLICANT: Sealoff, Stuart C.
 TITLE OF INVENTION: Cloning and Expression of
 Gonadotropin-Releasing Hormone Receptor
 NUMBER OF SEQUENCES: 8
 CURRENT APPLICATION DATA:
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Penning & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/390,000A
 FILING DATE: 17-FEB-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Mistock, S. Leslie
 REGISTRATION NUMBER: 18,872
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212 790-9090
 TELEX: 212 869-8864/9741
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 468 amino acids
 TYPE: amino acid
 TOPOLGY: unknown
 MOLECULE TYPE: protein
 US-08-390-000A-7

Query Match Score 7; DB 1; Length 472;
 Best Local Similarity 100.0%; Pred. No. 73;
 Matches 7; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 47
 US-08-444-734A-4
 Sequence 4, Application US/08444734A
 ; Patent No. 5610282

GENERAL INFORMATION:
 APPLICANT: Sibley, David R.
 APPLICANT: Monsma, Frederick J.
 APPLICANT: Mahan, Lawrence C.

Query Match Score 7; DB 2; Length 468;
 Best Local Similarity 100.0%; Pred. No. 72;

APPLICANT: McVittie, Loris D.
 TITLE OF INVENTION: cDNA encoding the rat D1 dopamine receptor linked to adenylyl cyclase activation and expression of the receptor protein in plasmid-transfected cell lines
 NUMBER OF SEQUENCES: 13
 ADDRESSEE: Knobbe, Martens, Olson and Bear
 STREET: 620 Newport Center Drive, Sixteenth Floor
 CITY: Newport Beach
 STATE: CA
 COUNTRY: USA
 ZIP: 92660
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/444,734A
 FILING DATE:
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/029,917
 FILING DATE: 03-MAR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/548,714
 FILING DATE: 06-JUL-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Altman, Daniel E.
 REGISTRATION NUMBER: 34,115
 REFERENCE/DOCKET NUMBER: NIH065.001FW1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (714) 760-0404
 TELEFAX: (714) 760-9502
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 477 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 US-08-444-734A-4

COUNTRY: USA
 ZIP: 28234
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/087,772A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Liner, Raymond O.
 REGISTRATION NUMBER: 26,419
 REFERENCE/DOCKET NUMBER: 3339-195
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 919-881-3140
 TELEFAX: 919-881-3175
 INFORMATION FOR SEQ ID NO: 16:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 477 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-087-772A-16

Query Match ;
 Best Local Similarity 2.2%; Score 7; DB 1; Length 477;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 37 PAPAPP 43
 Db 281 PAPAPP 287

RESULT 49
 US-09-111-085-2
 Sequence 2, Application US/09111085
 ; Patent No. 6100034
 ; GENERAL INFORMATION:
 ; APPLICANT: Stoyer, Jonathan P
 ; ATTORNEY/AGENT INFORMATION:
 ; TITLE OF INVENTION: Detection of retroviral subtypes based upon envelope
 ; TITLE OF INVENTION: specific sequences
 ; FILE REFERENCE: 4238/75168
 ; CURRENT APPLICATION NUMBER: US/09/111,085
 ; CURRENT FILING DATE: 1998-07-07
 ; EARLIER APPLICATION NUMBER: GB 9710154.7
 ; EARLIER FILING DATE: 1997-05-16
 ; NUMBER OF SEQ ID NOS: 16
 ; SEQ ID NO 2
 ; LENGTH: 660
 ; TYPE: PRT
 ; SOFTWARE: PatentIn Ver. 2.0
 ; ORGANISM: Porcine retrovirus
 ;
 US-09-111-085-2

Query Match ;
 Best Local Similarity 2.2%; Score 7; DB 3; Length 660;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 226 TSGSVPT 232
 Db 286 TSGSVPT 292

RESULT 50
 US-09-776-781-5
 Sequence 5, Application US/09376781
 ; Patent No. 6261806

Correspondence Address:
 ADDRESS: Bell, Seltzer, Park & Gibson
 STREET: Post Office Drawer 34009
 CITY: Charlotte
 STATE: No. 5691155th Carolina

GENERAL INFORMATION:

APPLICANT: Banerjee, Papia T.
APPLICANT: Patience, Clive
APPLICANT: Andersson, Goran K.
TITLE OF INVENTION: Molecular Sequence of Swine Retrovirus and Methods of Patent No. 6261806

FILE REFERENCE: 61750-267
CURRENT APPLICATION NUMBER: US/09/376,781
CURRENT FILING DATE: 1999-08-18
EARLIER APPLICATION NUMBER: 60/097,015
EARLIER FILING DATE: 1998-08-18
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn ver. 2.0
SEQ ID NO 5
LENGTH: 660
TYPE: PRT
ORGANISM: Artificial Sequence

FEATURE: Description of Artificial Sequence: PERV-A
OTHER INFORMATION: polypeptide sequence taken From GenBank Accession
OTHER INFORMATION: No. 6261806 Y12238 for comparison.
US-09-376-781-5

Query Match 2.2%; Score 7; DB 4; Length 660;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	226	TSGSVPT	232
Db	286	TSGSVPT	292

Search completed: September 30, 2002, 16:09:08
Job time: 176 sec

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: September 30, 2002, 16:05:41 ; Search time 13.07 seconds
(without alignments)
590.550 Million cell updates/sec

Title: US-09-671-658A-2
Perfect score: 1675
Sequence: 1 MRRASRDYKGYLRSSEMGSS.....LLDPDQDATYFGAFKVQDID 316

Scoring table: BLOSSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 2442594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:/*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:/*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:/*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:/*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:/*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1675	100.0	316	2 US-09-671-658A-2	Sequence 7, Appli
2	1675	100.0	316	4 US-09-689-362-2	Sequence 2, Appli
3	1675	100.0	316	4 US-09-521C-2	Sequence 2, Appli
4	1554	92.8	294	3 US-08-936-139-11	Sequence 11, Appli
5	1554	92.8	294	4 US-08-993-659-11	Sequence 11, Appli
6	1554	92.8	294	4 US-09-215-649A-11	Sequence 11, Appli
7	1417.5	84.6	317	3 US-08-936-139-13	Sequence 13, Appli
8	1417.5	84.6	317	4 US-08-905-659-13	Sequence 13, Appli
9	1417.5	84.6	317	4 US-09-215-649A-13	Sequence 4, Appli
10	1417.5	84.6	317	4 US-09-052-522IC-4	Sequence 4, Appli
11	258.5	15.4	279	4 US-09-072-99IC-3	Sequence 3, Appli
12	258.5	15.4	281	1 US-08-670-354-2	Sequence 2, Appli
13	258.5	15.4	281	3 US-08-584-031-1	Sequence 1, Appli
14	258.5	15.4	281	3 US-08-780-496-1	Sequence 1, Appli
15	258.5	15.4	281	4 US-08-883-086-10	Sequence 2, Appli
16	258.5	15.4	281	4 US-09-320-424-2	Sequence 6, Appli
17	258.5	15.4	281	4 US-09-333-59A-6	Sequence 2, Appli
18	258.5	15.4	281	5 PCT-US96-10895-2	Sequence 6, Appli
19	244	14.6	291	1 US-08-670-354-6	Sequence 6, Appli
20	244	14.6	291	4 US-09-320-424-6	Sequence 6, Appli
21	244	14.6	291	5 PCT-US96-10895-6	Sequence 6, Appli
22	240	14.3	256	4 US-09-320-424-13	Sequence 13, Appli
23	236	14.1	253	4 US-09-320-424-11	Sequence 11, Appli
24	229.5	13.7	177	4 US-09-105-345A-7	Sequence 11, Appli
25	224	13.4	183	4 US-09-105-34A-8	Sequence 8, Appli
26	183	10.9	278	4 US-08-339-224-16	Sequence 16, Appli
27	183	10.9	278	4 US-08-339-214-26	Sequence 26, Appli

ALIGNMENTS

RESULT 1
US-08-842-842-7
; Sequence 7, Application US/08842842
; Patent No. 5843678
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; TITLE OF INVENTION: OSPEPROTEGERIN BINDING PROTEINS
; NUMBER OF SEQUENCES: 7
; CORESPONDENCE ADDRESS:
; ADDRESSEE: Amgen Inc.
; STREET: 1840 Delavalland Drive
; CITY: Thousand Oaks
; STATE: California
; COUNTRY: USA
; ZIP: 91230-1789
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.1, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/842,842
; FILING DATE: 1998-01-27
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Winter, Robert B.
; REFERENCE/DOCKET NUMBER: A-451
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 316 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-842-842-7

Query Match 100.0%; Score 1675; DB 2; Length 316;
Best Local Similarity 100.0%; Pred. No. 2.9e-15%;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MRASRDYKGYLRSSEMGSS.....LLDPDQDATYFGAFKVQDID 60
Db 1 MRASRDYKGYLRSSEMGSS.....LLDPDQDATYFGAFKVQDID 60

Qy 61 VVCSIALFLYFRAQMDPNRISDSTHCYRILRHENAGLDSTLESDTLPDSCRMHQ 120
Db 61 VVCSIALFLYFRAQMDPNRISDSTHCYRILRHENAGLDSTLESDTLPDSCRMHQ 120

Qy 121 AFQGAYKELQHIVGPQRSGAPAMMGEWLDYAQRGKPEAQPAFHLTINAASIPGSHK 180

ESSD/SLT 2
5-08-989-362-2
Sequence 2, Application US/08989362
Patent No. 624286

GENERAL INFORMATION:

APPLICANT: Gorman, Daniel M.
ATTY/AGEN: Mattson, Jeanine D.
TITLE OF INVENTION: Mammalian Cell Surface Antigens; Related
TITLE OF INVENTION: Reagents

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: DNAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

FILING DATE: 12-DEC-1997
CLASSIFICATION: 56
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,846
FILING DATE: 13-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX06886
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)852-9196
TELEFAX: (650)496-1204
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 316 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

Query Match	Best Local Similarity	Score	DB 4;	Length	316;
Y	Best Local Similarity Matches	100.0% ; 100.0%	Pred. No. 2. Conservative	9e-157; 0;	Mismatches Indels 0;
Y	1 MRRASRDIGKYLRSSEENGSGPVPHEGSPHLHAPSAPAPPAASRMETALLGLGQ 1 MRRASRDIGKYLRSSEENGSGPVPHEGSPHLHAPSAPAPPAASRMETALLGLGQ	60			60
Y	61 VVCSIALFLYFRQMDNRISDSTHCFYRILRHENAGLQDSTLESEDTLPSDCRMKQ 61 VVCSIALFLYFRQMDNRISDSTHCFYRILRHENAGLQDSTLESEDTLPSDCRMKQ	120			120
Y	61 VVAGAVKRELQHIVGPORFGAMMGSWLDYAORGKPEAQPFIAHTTINASIPGSHK 121 AFAGAVKRELQHIVGPORFGAMMGSWLDYAORGKPEAQPFIAHTTINASIPGSHK	180			180

Db	1.21	AFOQAVQYRQLHQVGPQRESGAPAMMEGSWLDVAQRGKPEAQPFALHTINASIPGSHK	180
Qy	18.1	VTLSWWHDGRWAKISNMTLNSNGKLVRNQDGFYLYANICPRHHETSGSVPDTDYLQMLVY	240
Db	18.1	VTLSWWHDGRWAKISNMTLNSNGKLVRNQDGFYLYANICPRHHETSGSVPDTDYLQMLVY	240
Qy	24.1	VVKTSIKI PPSHNLKGSTK NWGNSNEPHYSINVGGFFKLRA GEISIQVSNPSSLDP	300
Db	24.1	VVKTSIKI PPSHNLKGSTK NWGNSNEPHYSINVGGFFKLRA GEISIQVSNPSSLDP	300
Qy	30.1	DODATYGFAKVQDID	316
Db	30.1	DODATYGFAKVQDID	316

RESULT 3
US-09-052-521C-2
; Sequence 2, Application US/09052521C
; Patent No. 631608
; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
; FILE REFERENCE: A-451BRY
; CURRENT APPLICATION NUMBER: US/09/052,521C
; CURRENT FILING DATE: 1998-03-30
; PRIORITY APPLICATION NUMBER: 08/880,855
; PRIORITY FILING DATE: 1997-06-23
; PRIORITY APPLICATION NUMBER: 08/842,842
; PRIORITY FILING DATE: 1997-04-16
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 316
; TYPE: PRT
; ORGANISM: Mouse
; US-09-052-521C-2

Query	Match	100.0%	Score 1675;	DB 4;	Length 316;
Best Local Matches	Similarity 316;	100.0%;	Pred. No. 2.	9e-157;	
Qy	Conservative	0;	Mismatches	0;	Gaps 0;
1	MRRASRDYKGKLRLSSSEPMGSGGPVHGPGLHPAPSAPAPPPAASRSMFLALIGLIGQ	60			
Db	MRRASRDYKGKLRLSSSEPMGSGGPVHGPGLHPAPSAPAPPPAASRSMFLALIGLIGQ	60			
Qy	VVCSIAFLFLYRAQMDPNRISEDSTHCFYRILRLHENAGLQDSTLESDTPDSCRMKQ	120			
Db	VVCSIAFLFLYRAQMDPNRISEDSTHCFYRILRLHENAGLQDSTLESDTPDSCRMKQ	120			
Qy	AFGQAVOKELQHIVGPORFSGAPAMMGSWLDVAQRGKPEAQPFHALTIINASIPGSHK	180			
Db	AFGQAVOKELQHIVGPORFSGAPAMMGSWLDVAQRGKPEAQPFHALTIINASIPGSHK	180			
Qy	VTLSSWYHDRGWAKISMTLSNGKLRYNDQFYYLYANICFRHHETSGSPVTDYLQLMVY	240			
Db	VTLSSWYHDRGWAKISMTLSNGKLRYNDQFYYLYANICFRHHETSGSPVTDYLQLMVY	240			
Qy	VVKTSKIKPSSHNLMKGSTKWNCGNSEHFYHSINYGGFKLRAGEEISIQVSNPSLLDP	300			
Db	VVKTSKIKPSSHNLMKGSTKWNCGNSEHFYHSINYGGFKLRAGEEISIQVSNPSLLDP	300			
Qy	DQDATYFGAFKVQDID 316				
Db	DQDATYFGAFKVQDID 316				

RESULT 4
US-08-996-1139-11
; Sequence 11, Application US/08996139
; Patent No. 6017729
; GENERAL INFORMATION.

RESULT 6

US-09-215-649A-11

Sequence 11, Application US/09215649A

Patent No. 6271349

GENERAL INFORMATION:

APPLICANT: Anderson, Dirk M.
Galibert, Laurent
Maraskovsky, Eugene
TITLE OF INVENTION: Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation, Law Department
STREET: 51 University Street
CITY: Seattle
STATE: WA
ZIP: 98101
COUNTRY: USA
ZIP: 98101

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: Apple Power Macintosh

OPERATING SYSTEM: Apple Operating System 7.5.5

SOFTWARE: Microsoft Word for Power Macintosh 6.0.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/215,649A

FILING DATE: 17-Dec-1998

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/996,139

FILING DATE: <Unknown>

APPLICATION NUMBER: USSN 08/813,509

FILING DATE: 07 MARCH 1997

APPLICATION NUMBER: USSN 08/772,330

FILING DATE: 23 DECEMBER 1996

ATTORNEY/AGENT INFORMATION:

NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
TELEPHONE: (206) 233-0644
TELEFAX: (206) 587-0430
INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 294 amino acids
TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-215-649A-11

Query Match 92.8%; Score 1554; DB 4; Length 294;
Best Local Similarity 99.7%; Pred. No. 2.3e-145; Gaps 0;
Matches 293; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 23 GYPHEGPLHAPSAPAPPAASRSMFLALLGLGCOYCVSTALFLYFRAMDNPRISE 82
Db 1 GYPHEGPLHAPSAPAPPAASRSMFLALLGLGCOYCVSTALFLYFRAMDNPRISE 60

Qy 83 DSTHCFYRILRHENAGLQDSLESEDTLPDSCRMKQAFQGAVQKELOHQVGPQRFGSA 142
Db 61 DSTHCFYRILRHENADQDSLESEDTLPDSCRMQAFQGAVQKELOHQVGPQRFGA 120

Qy 143 PAMMEGSWLDYVQRGKPEAQPAFHHTINAASIPGSVKYTLESSWHDGWAKLSNMTLSN 202
Db 121 PAMMEGSWLDYVQRGKPEAQPAFHHTINAASIPGSVKYTLESSWHDGWAKLSNMTLSN 180

Qy 203 GKLRVNQDGFFYLYANICFRHETSGSVPTDYLQIMVYVVKTSKIPSSHNLMGGSTKN 262
Db 181 GKLRVNQDGFFYLYANICFRHETSGSVPTDQLQIMVYVVKTSKIPSSHNLMGGSTKN 240

Qy 263 WSGNSEFHYSINVGGFFKLRAAGEEISIQVSNSPLLDQDDATYFGAFKVQDID 316
Db 241 WSGNSEFHYSINVGGFFKLRAGEISIQVSNSPLLDQDDATYFGAFKVQDID 294

Qy 263 WSGNSEFHYSINVGGFFKLRAGEISIQVSNSPLLDQDDATYFGAFKVQDID 316
Db 241 WSGNSEFHYSINVGGFFKLRAGEISIQVSNSPLLDQDDATYFGAFKVQDID 294

RESULT 7

US-08-996-139-13

Sequence 13, Application US/08996139

Patent No. 6017729

GENERAL INFORMATION:

APPLICANT: Anderson, Dirk M.
APPLICANT: Galibert, Laurent
APPLICANT: Maraskovsky, Eugene
TITLE OF INVENTION: Receptor Activator of NF-kappaB
NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation, Law Department
STREET: 51 University Street
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98101

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: Apple Power Macintosh

OPERATING SYSTEM: Apple Operating System 7.5.5

SOFTWARE: Microsoft Word for Power Macintosh 6.0.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/996,139

FILING DATE: 22 DECEMBER 1997

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USNN 60/064,671

FILING DATE: 14 OCTOBER 1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USNN 08/813,509

FILING DATE: 07 MARCH 1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: USNN 08/772,330

FILING DATE: 23 DECEMBER 1996

ATTORNEY/AGENT INFORMATION:

NAME: Perkins, Patricia Anne
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2851-A

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 587-0430
TELEFAX: (206) 233-0644

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 317 amino acids
TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-996-139-13

Query Match 84.4%; Score 1417.5; DB 3; Length 317;
Best Local Similarity 84.3%; Pred. No. 7.4e-132; Gaps 2;
Matches 266; Conservative 16; Mismatches 31; Indels 3; Gaps 2;

Qy 1 MRRASRDYGYRLRSSEEMGSGPVGPHGPSPAPAPPAASRSMFLALIGLGQ 60
Db 1 MRRASRDYGYRLRSSEEMGSGPVGPHGPSPAPAPPAASRSMFLALIGLGQ 59

Qy 61 VVCSTALFLYFRAMDNPRISEDSTHCFYRILRHENAGLQDSLEDT--LPPDSCRM 118
Db 60 VVCSTALFLYFRAMDNPRISEDGTHCFYRILRHENADQFTILESDQTKLIPDSCRM 119

Qy 119 KQAFQGAVQKELOHQVGPQRFGAIPGSVKYTLESSWHDGWAKLSNMTLSN 178
Db 120 KQAFQGAVORELQHIVGSOHIRAEKAMVDGWSWLDIARKSLEQFAHLTINATDIPSGS 179

RESULT 8

US 08-995-659-13
 ; Sequence 13, Application US/08995659
 ; Patent No. 6242213
 ; GENERAL INFORMATION:
 ; APPLICANT: Anderson, Dirk M.
 ; APPLICANT: Galibert, Laurent
 ; APPLICANT: Maraskovsky, Eugene
 ; TITLE OF INVENTION: Ligand for Receptor Activator of NF-kappaB
 ; NUMBER OF SEQUENCES: 19
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Immunex Corporation, Law Department
 ; STREET: 51 University Street
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98101
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: Apple Power Macintosh
 ; OPERATING SYSTEM: Apple Operating System 7.5.5
 ; SOFTWARE: Microsoft Word for Power Macintosh 6.0.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08-995,659
 ; FILING DATE: 22 DECEMBER 1997
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: USSN 60/064,671
 ; FILING DATE: 14 OCTOBER 1997
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: USSN 08/813,509
 ; FILING DATE: 07 MARCH 1997
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: USSN 08/772,330
 ; FILING DATE: 23 DECEMBER 1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Perkins, Patricia Anne
 ; REGISTRATION NUMBER: 34,693
 ; REFERENCE/DOCKET NUMBER: 2852-A
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 587-0430
 ; TELEFAX: (206) 233-0644
 ; INFORMATION FOR SEQ ID NO: 13:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 317 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-995-659-13

Query Match 84.6%; Score 1417.5; DB 4; Length 317;
 Best Local Similarity 84.3%; Pred. No. 74e-132;
 Matches 268; Conservative 16; Mismatches 31; Indels 3; Gaps 1

Query 1 MRRASDGYLRSSEEMSGPGYHEGPUPAPAPAPPASRSMFLALGGLGQ 60

Query Match 84.6%; Score 1417.5; DB 4; Length 317;
Best Local Similarity 84.3%; Pred. No. 7.4e-132;
Matches 268; Conservative 16; Mismatches 31; Indels 3; Gaps 2;

Db 240 VVVTKTSIKIPSSHTLKGSTKWSGNSEPHYSINVGGFFKLRSGEESIEVSNPSLL 299

Qy 1 MRASRDYGYKYLRSSEEMGSGCPGVPHGPLHAPSAPAPPAARSMSMFLALLGLGQ 60
Db 1 MRASRDYTKYLRSEEMGGGCPAHGPLHAPPAPPHQPAAPPAARSMSMFLALLGLGQ 59

Qy 61 VCSIAFLYFAQMDPNRISSTHCFYRIRLHENAGLQSTLESDT--LPDSCRM 118
Db 60 VVCSSVALFFYFRAQMDPNRISSTHCFYRIRLHENADFOQTTLSEDTKLIJPDSCRM 119

Qy 119 KQAFQAVQKEQHQHIVGPORESGAPANMEGSWLDVAQRGKPAQPF AHLTINASIPSGS 178
Db 120 KQAFQAVQKEQHQHIVGCPAHGPLHAPPAPPHQPAAPPAARSMSMFLALLGLGQ 179

Qy 179 HKVTLSSWYHDRGWAKTSNMTLSNGKLVRNQDGFFYLYNICFRRHETSGSYPTDYLQLM 238
Db 180 HKVSLSSWYHDRGWAKTSNMTLSNGKLVRNQDGFFYLYNICFRRHETSGDQTLATEYLQLM 239

Qy 239 VVVVKTSIKIPSSHNLKGSTKNSWGNSEFIFYSINVGGFFKLRLAGEEISIQSNSLL 298
Db 240 VVVTKTSIKSSHTLKGSSWKWSGNSEFIFYSINVGGFFKLRLSCEEISIEVSNPSLL 299

Qy 299 DPDQDATYFGAFKVQDID 316

Db 300 DPDQDATYFGAFKVQDID 317

RESULT 10
US-09-052-521C-4

; Sequence 4, Application US/09052521C
; Patent No. 6316408

; GENERAL INFORMATION:
; APPLICANT: Boyle, William J.
; TITLE OF INVENTION: Osteoprotegerin Binding Proteins and Receptors
; FILE REFERENCE: A-451BV
; CURRENT APPLICATION NUMBER: US/09/052,321C
; CURRENT FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 08/880,855
; PRIOR FILING DATE: 1997-06-23
; PRIOR APPLICATION NUMBER: 08/842,842
; PRIOR FILING DATE: 1997-04-16
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 317
; TYPE: PRT
; ORGANISM: Human
; US-09-052-521C-4

Query Match 84.6%; Score 1417.5; DB 4; Length 317;
Best Local Similarity 84.3%; Pred. No. 7.4e-132;
Matches 268; Conservative 16; Mismatches 31; Indels 3; Gaps 2;

Db 1 MRASRDYTKYLRSEEMGGGCPAHGPLHAPPAPPHQPAAPPAARSMSMFLALLGLGQ 59

Qy 61 VCSIAFLYFAQMDPNRISSTHCFYRIRLHENAGLQSTLESDT--LPDSCRM 118
Db 60 VVCSSVALFFYFRAQMDPNRISSTHCFYRIRLHENADFOQTTLSEDTKLIJPDSCRM 119

Qy 119 KQAFQAVQKEQHQHIVGPORESGAPANMEGSWLDVAQRGKPAQPF AHLTINASIPSGS 178
Db 120 KQAFQAVQKEQHQHIVGCPAHGPLHAPPAPPHQPAAPPAARSMSMFLALLGLGQ 179

Qy 179 HKVTLSSWYHDRGWAKTSNMTLSNGKLVRNQDGFFYLYNICFRRHETSGSYPTDYLQLM 238
Db 180 HKVSLSSWYHDRGWAKTSNMTLSNGKLVRNQDGFFYLYNICFRRHETSGDQTLATEYLQLM 239

Qy 239 VVVVKTSIKIPSSHNLKGSTKNSWGNSEFIFYSINVGGFFKLRLAGEEISIQSNSLL 298

Db 243 SARNSCWSDAEGLYSLISQGIFBLKENDRIFVSVTNEHLDHEASFFGAFLV 278

RESULT 11
US-09-072-993C-3

; Sequence 3, Application US/09072993C
; Patent No. 6346388

; GENERAL INFORMATION:
; APPLICANT: Michael R. Brigham-Burke
; APPLICANT: Peter R. Young
; TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2
; FILE REFERENCE: GH-50030
; CURRENT APPLICATION NUMBER: US/09/072,993C
; CURRENT FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/055,513
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: 60/056,980
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/057,550
; PRIOR FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 279
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-072-993C-3

Query Match 15.4%; Score 258.5; DB 4; Length 279;
Best Local Similarity 26.4%; Pred. No. 1.3e-17;
Matches 78; Conservative 54; Mismatches 113; Indels 51; Gaps 10;

Qy 43 PAASDSMFLALLGQDGQVCSIALFLYFRAQMD - PRNISEDSTHCFYRIRLHENAGL 100
Db 8 PSLGOTCVLIVTFVILQSQICVAVTYVYFTPNELQMDYKSCTACF----LKEDDSY 62

Qy 101 QDSTLESDETLPDSCRMKOAFOGAVQK-----ELQHTVGPQRFGAPAMM 146
Db 63 WDP--NDEESMNSPCQWQVQLRQLMLRTSETITVQEQNISL-----111

Qy 147 EGSWILDVAQRGKPEAQPAFAHLT----INAASIPSGSHKVTL---SSWYHDR-GWAKIS 196
Db 112 -----VRENGPQRA-AHITGTRGRNTLSSPNSKNERALGRKINSNESSRSCHSFLS 163

Qy 197 NMUTLSNGKURVNOQDFYLYNICFRRHETSGSYPTDYLQMLVYVKTISKPSHNLMK 256
Db 164 NLHLRNGELVTHERGFYIYXQTYFEEQBIKENTKDQMVQYKYT SYPPDPLMK 222

Qy 257 GGSTKWNSEFIFYSINVGGFFKLRLAGEEISIQSNSLLPDQDATYFGAFKV 312
Db 223 SARNSCWSDAEGLYSLISQGIFBLKENDRIFVSVTNEHLDHEASFFGAFLV 278

RESULT 12
US-08-670-354-2

; Sequence 2, Application US/08670354
; Patent No. 5763223

; GENERAL INFORMATION:
; APPLICANT: Steven R. Wiley and Raymond G. Goodwin.
; TITLE OF INVENTION: Cytokine That Induces Apoptosis
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathryn A. Anderson, Immunex Corporation
; STREET: 51 University Street
; CITY: Seattle

STATE: WA ; SOFTWARE: PatentIn Ver. 2.0
 COUNTRY: USA ; SEQ ID NO 1
 ZIP: 98101 ; LENGTH: 281
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk ; TYPE: PRT
 COMPUTER: Apple Macintosh ; ORGANISM: Homo sapiens
 OPERATING SYSTEM: Apple 7.5.2
 SOFTWARE: Microsoft Word, Version 6.0.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/670,354
 FILING DATE: 25-JUN-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/496,632
 FILING DATE: 29-JUN-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/548,368
 FILING DATE: 01-NOV-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Anderson, Kathryn A.
 REGISTRATION NUMBER: 32,172
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 587-0430
 TELEX: 756822
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 281 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-670-354-2

Query Match 15.4%; Score 258.5; DB 1; Length 281;
 Best Local Similarity 26.4%; Pred. No. 1 4e-17;
 Matches 78; Conservative 54; Mismatches 113; Indels 51; Gaps 10;

Qy 43 PAASRSMFLALLGLGQVVCISALFYFRAQMD--PNRISEDSTHCFYRLRHENAGL 100
 Db 10 PSLGQCVLIVITVLLQSLCVAVTVYFTNLKOMODYSKSSGAF----LKEDDSY 64

Qy 101 QDSTLESEDTPDSCRMRKQAFQAVK-----INAASIPSGSHKVTL----SSWYHDR-GWAKIS 196
 Db 65 WDP--NDEESNSPCWQVKWQLRQLVRKMILRTSEETISTVQEQQNISPL-----113

Qy 147 EGSWLDVAQRKEPAQFAHLT-----ELQHIVGPQRSGAPAMM 146
 Db 114 ----VRERGQPQVRA--AHITGTRGRSNTLSSPNSKNEALKRINSWESSRGSFSL 165

Qy 197 NMTLSNGKLRVNQDGFFYLYANICFRHETSGSVPTDYQLMVYVVKTSIKPPSSHNLK 256
 Db 166 NLHLRNGELYTHEKGFFYYTSQTYFEEIKNTNDKQMYQVYKYT-SYDPDILMK 224

Qy 257 GGSTKWNSSNSEFHFSYINVGFFFKLRAGEEISIQSNSPLLDQDATYFQAFKV 312
 Db 225 SARNSCWSKDAEYGLXYIQQGIFELKENDRIFVSVTNEHLIDMDHEASFFGAFLV 280

RESULT 14

US-08-780-496-1

Sequence 1, Application US/08780496

; General Information:

; Patent No. 604608

; Applicant: Avi Ashkenazi, Aran Chuntharapai, Kyung Jin Kim

; Title of Invention: Apo-2 Ligand

; Number of Sequences: 8

; Correspondence Address:

; Address: Genentech, Inc.

; Street: 460 Point San Bruno Blvd

; City: South San Francisco

; State: California

; Country: USA

; Zip: 94080

; Computer Readable Form:

; Medium Type: 3.5 inch, 1.44 mb floppy disk

; Computer: IBM PC compatible

; Operating System: PC-DOS/MS-DOS

; Software: WinPatin (Genentech)

; Current Application Data:

; Application Number: US/08/780,496

; Filing Date: 08-Jan-1997

; Classification: 435

; Attorney/Agent Information:

; Name: Marschang, Diane L.

; Registration Number: 35,600

; Reference/Docket Number: P0978P1

; Telecommunication Information:

; Telephone: 415/225-5416

; Telex: 910/371-7168

; Information for Seq ID No: 1:

; Sequence Characteristics:

; Length: 281 amino acids

; Type: Amino Acid

; Topology: Linear

US-08-780-496-1

Query Match 15.4%; Score 258.5; DB 3; Length 281;
 Best Local Similarity 26.4%; Pred. No. 1.4e-17; Gaps 10;
 Matches 78; Conservative 54; Mismatches 113; Indels 51; Gaps 10;

Qy 43 PAASRSNFLALLGLGLGVVCCSTALFLYFRAQMD - PNRISSESDSTHCFYRILRUHENAGL 100
 Db 10 PSLGQTCVLIVTFVLLQLSCVAVTYYFTNELKQMDKYSQSGIACEF---LKEDSY 64

Qy 101 QDSTLESSEDTLEDSCRMMKAQFGAVOK-----BLQHIVGPQRFGAPAMM 146
 Db 65 WDP - NDEESMNSPQWQKVQLRVLKMLRTSBEITVQEQQNISPL----- 113

Qy 147 EGSWLDAQRGKPEAQPFHLT-----INAA1SPGSHKVTL-----SSWYHDR-GWAKIS 196
 Db 114 -----VRERGPQRVA - AHITGTRGRNTLSSPISKNEKALGRKINSWESSRSGHSFLS 165

Db 114 -----VRERGPQRVA - AHITGTRGRNTLSSPISKNEKALGRKINSWESSRSGHSFLS 165
 Qy 197 NMTLSNGKLVRVNQDGFYLYANICPRHETSGSYPTDYLQMVVYVTKTSKIPSSHNLK 256
 Db 166 NLHLRNGLVTHERGFYIYQSQTVEREQEEIKENTKDQMVQYIYKT-SYPDPLILMK 224

Qy 257 GGSTKWNSGNSEFHYSINVGGFFKLRAGEESIIOVSNPNSLDPDQDATYFGAFKV 312
 Db 225 SARNSCWSKDAEYGLYSIYOGGIFELKENDRIFSVTNELMDHEASFFGAFLV 280

RESULT 15
 US-08-883-086-10
 Sequence 10, Application US/08883086
 Patent No. 6117187

GENERAL INFORMATION:

APPLICANT: WILE, STEVEN

TITLE OF INVENTION: MEMBER OF THE TNF FAMILY USEFUL

TITLE OF INVENTION: FOR TREATMENT AND DIAGNOSIS OF DISEASE

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/883,086

FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Porembski, Priscilla E.

REGISTRATION NUMBER: 33,207

REFERENCE/DOCKET NUMBER: 6134.US.01

TELECOMMUNICATION INFORMATION:

TELEPHONE: 847-937-0378

TELEFAX: 847-938-2623

TELEX:

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 281 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. 6117187e

US-08-883-086-10

Query Match 15.4%; Score 258.5; DB 4; Length 281;
 Best Local Similarity 26.4%; Pred. No. 1.4e-17;

Qy 43 PAASRSNFLALLGLGLGVVCCSTALFLYFRAQMD - PNRISSESDSTHCFYRILRUHENAGL 100
 Db 10 PSLGQTCVLIVTFVLLQLSCVAVTYYFTNELKQMDKYSQSGIACEF---LKEDSY 64

Qy 101 QDSTLESSEDTLPDSRMMKOAFQAVOK-----ELQHIVGPQRFGAPAMM 146
 Db 65 WDP - NDEESMNSPQWQKVQLRVLKMLRTSBEITVQEQQNISPL----- 113

Qy 147 EGSLWLDVAQRGKPEAQPFHLT-----INAA1SPGSHKVTL-----SSWYHDR-GWAKIS 196
 Db 114 -----VRERGPQRVA - AHITGTRGRNTLSSPISKNEKALGRKINSWESSRSGHSFLS 165

Qy 197 NMTLSNGKLVRVNQDGFYLYANICPRHETSGSYPTDYLQMVVYVTKTSKIPSSHNLK 256
 Db 166 NLHLRNGLVTHERGFYIYQSQTVEREQEEIKENTKDQMVQYIYKT-SYPDPLILMK 224

Qy 257 GGSTKWNSGNSEFHYSINVGGFFKLRAGEESIIOVSNPNSLDPDQDATYFGAFKV 312
 Db 225 SARNSCWSKDAEYGLYSIYOGGIFELKENDRIFSVTNELMDHEASFFGAFLV 280

Search completed: September 30, 2002, 16:06:03
 Job time: 22 sec